

# DSN Antenna Downtime Status and Forecast



<http://rapweb.jpl.nasa.gov/planning>

# Antenna Downtime Status and Forecast

## Changes to 2007 Downtime Schedule

- ❑ Two hour complex-wide downtime per complex every six months (day shift) for Network Infrastructure, this will be used to scan complex servers for vulnerabilities. The following have been proposed:
  - ❑ SPC 10 11/12/2007 00:00 –11/12/2007 02:00
  - ❑ SPC 40 11/12/2007 11:00 –11/12/2007 13:00
  - ❑ SPC 60 11/12/2007 06:00 –11/12/2007 08:00
- ❑ Fourteen hour complex-wide downtime for Electrical Maintenance on G81/G86 Substation at the Mars site.
  - ❑ SPC 10 09/23/2007 14:00 – 09/24/2007 04:00
- ❑ Two hour daytime complex-wide downtime per complex every month for Ground Network Maintenance
- ❑ Two hour daytime network-wide downtime twice per year for Ground Network Maintenance
- ❑ Proposal for 34 downtime hours for DSS-43 for Rescue Platform Install on DOY 340-342.

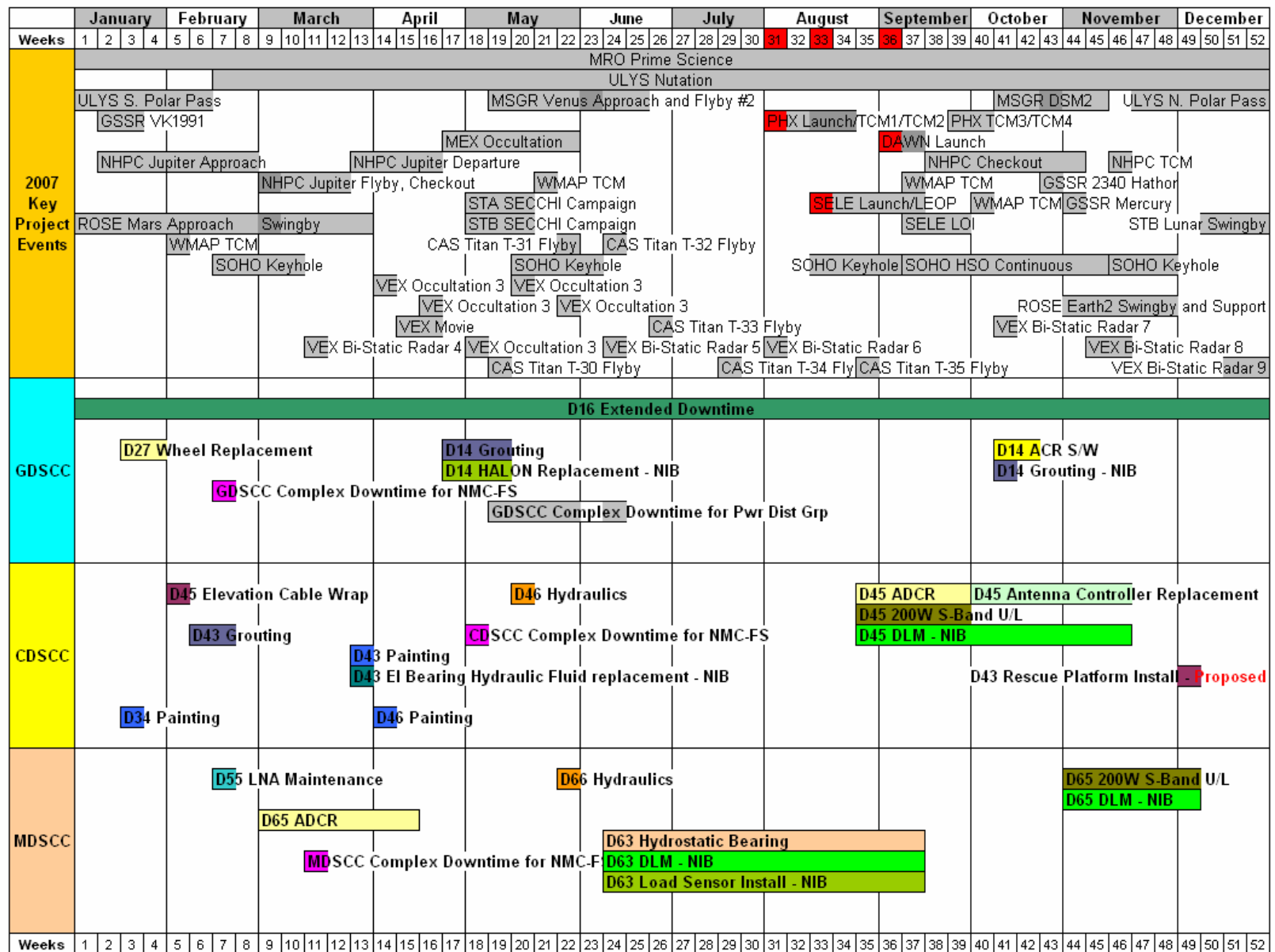
# Antenna Downtime Status and Forecast

## Changes to 2008 Downtime Schedule

- ❑ There are proposed changes to the 2008 Commercial power installation task. Currently the task is proposed to occur in two 12 hour blocks on Monday and Tuesday, March - April 2008. It is being analyzed to occur in one 36 hour block on Saturday and Sunday

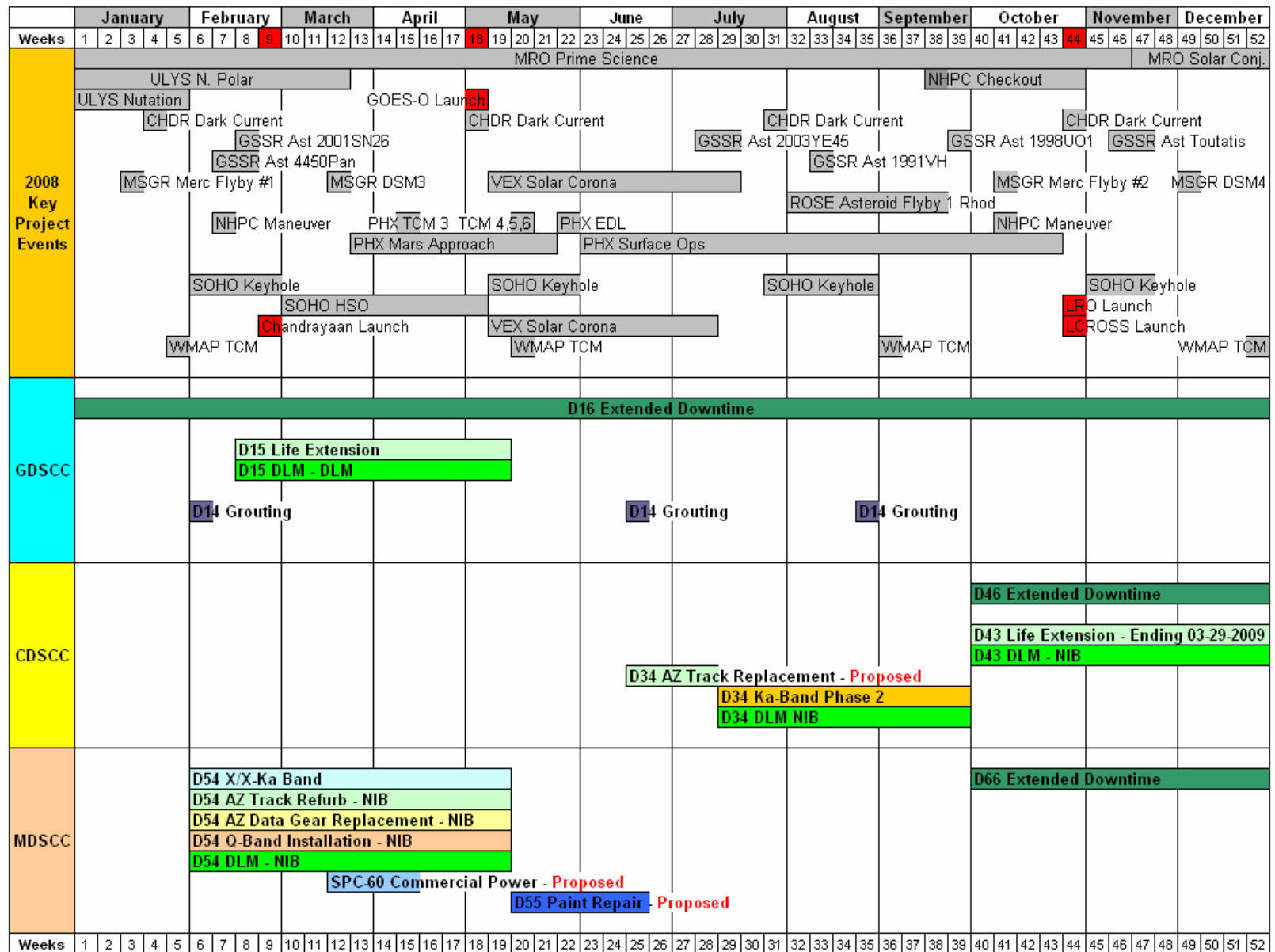
All previous downtime proposals have been agreed to by all DSN Missions/Users through the INCF/RAR, JURAP or Mid-Range Scheduling Process

# Antenna Downtime Status and Forecast 2007



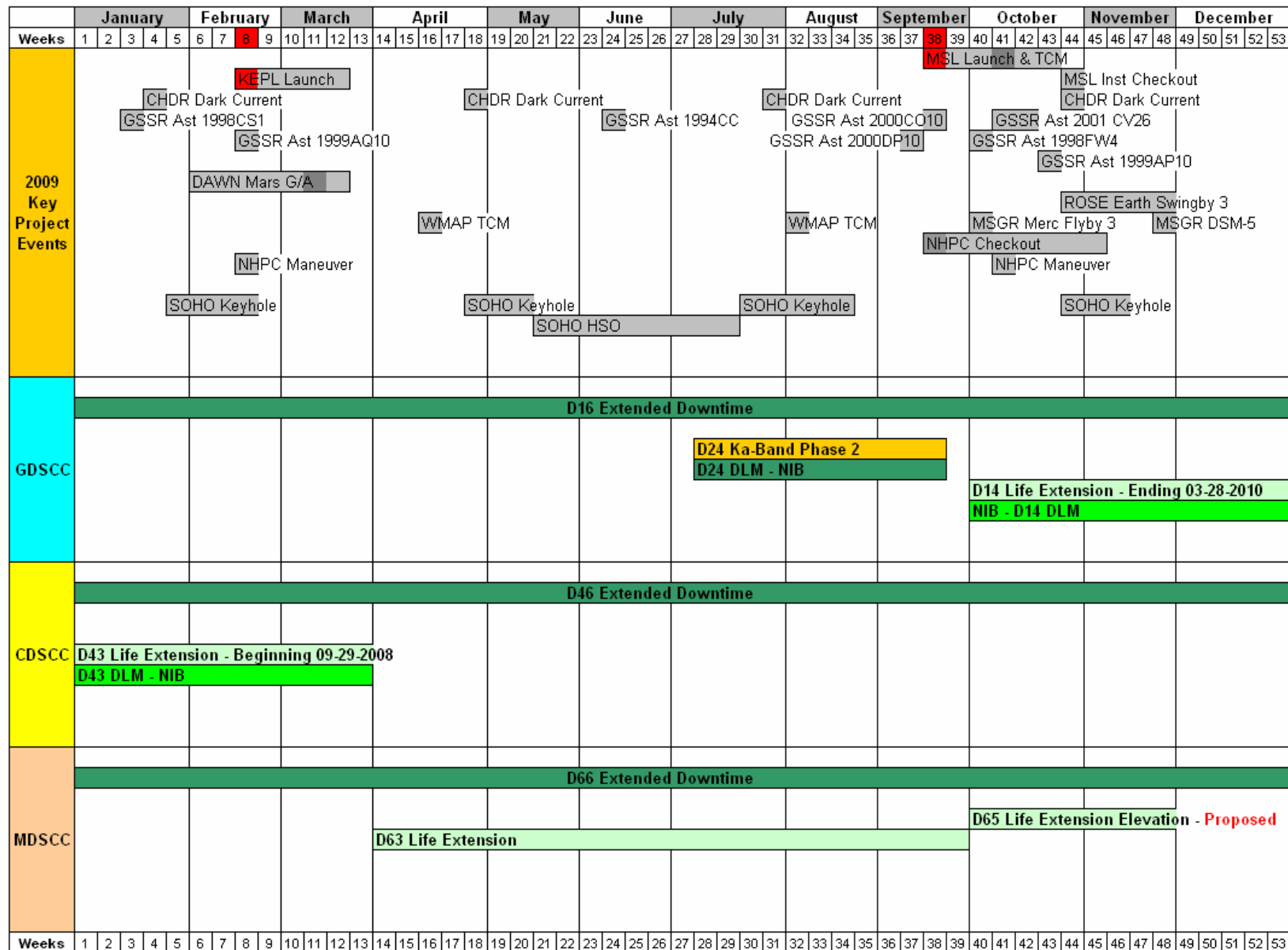
Revised: July 18, 2007

# Antenna Downtime Status and Forecast 2008



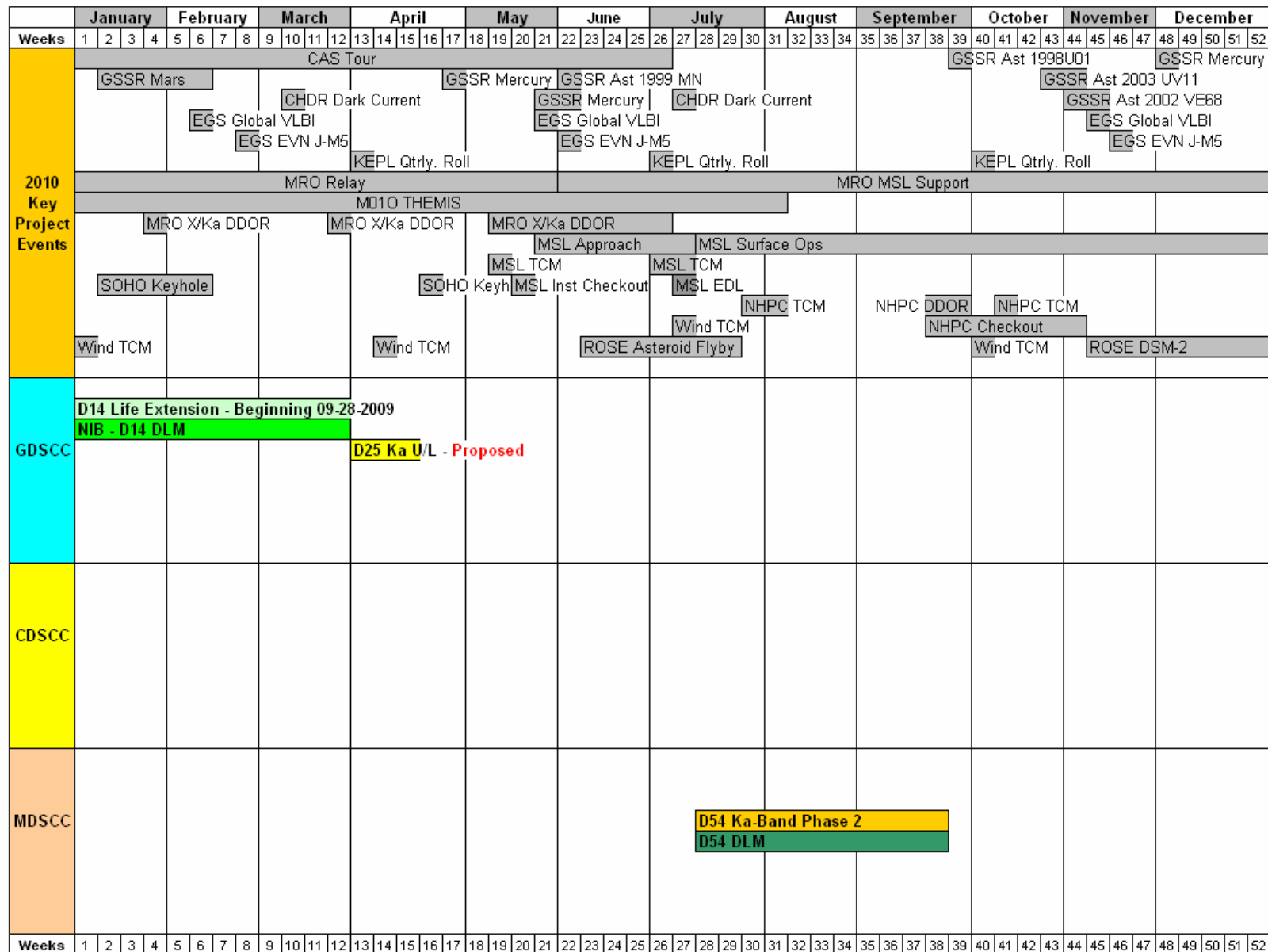
Revised: July 18, 2007

# Antenna Downtime Status and Forecast 2009



Revised: July 18, 2007

# Antenna Downtime Status and Forecast 2010



Revised: April 2, 2007

# Antenna Downtime Status and Forecast

## DSN Resource Implementation Planning Matrix By Subnet

Complex	Station	Subnet	S-Band		X-Band		Ka-Band		Ka Phase 2
			Down	Up	Down	Up	Down	Up	
10	DSS-16	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
40	DSS-46	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
60	DSS-66	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
10	DSS-27	34HSB	✓	✓	N/A	N/A	N/A	N/A	N/A
10	DSS-24	34B1	✓	✓	✓	✓	N/A	N/A	09/21/09
40	DSS-34	34B1	✓	✓	✓	✓	✓	N/A	09/29/08
60	DSS-54	34B1	✓	✓	✓	✓	04/15/08	N/A	09/27/10
10	DSS-25	34B2	N/A	N/A	✓	✓	✓	08/01/10	N/A
10	DSS-26	34B2	N/A	N/A	✓	✓	✓	N/A	N/A
60	DSS-55	34B2	N/A	N/A	✓	✓	✓	N/A	N/A
10	DSS-15	34HEF	✓	N/A	✓	✓	N/A	N/A	N/A
40	DSS-45	34HEF	✓	12/10/07	✓	✓	N/A	N/A	N/A
60	DSS-65	34HEF	✓	12/10/07	✓	✓	N/A	N/A	N/A
10	DSS-14	70M	✓	✓	✓	✓	N/A	N/A	N/A
40	DSS-43	70M	✓	✓	✓	✓	N/A	N/A	N/A
60	DSS-63	70M	✓	✓	✓	✓	N/A	N/A	N/A
N/A = Capability Not Planned    xx/xx/xx = Capability Date Recently Changed    As of: 07/03/07 ✓ ✓ ✓ = Capability Recently Exists    ✓ = Capability Exists									